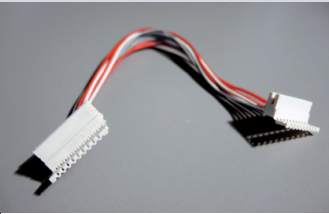


Transfer Line for IDC Harness Modules

AHM

- Most flexible fully automated line for IDC on the market
- Able to process most common types of IDC harness modules
- Independent wire feeding system



AHM is a unique pallet-based machine that uses servo drives to position its pallets: this allows the exact positioning of the connectors during the insertion, thus securing the needed quality for this important operation. This fully automatic line has been designed in order to be completely independent from the connector. In fact, it is the only machine able:

- to process both vertical¹ and frontal² insertion of the wire into the connector
- to feed and insert each wire slot by slot¹ or all wires simultaneously² with the best accuracy granted by the most performing customized software

The machine can perform parallel, cross and daisy chain harnesses along with the crimping of individual terminals. The crimping presses can optionally be equipped with crimp force measuring systems, monitoring the accuracy of the individual crimp. Moreover, the machine can be set up with an insertion sleeves unit (optional). Tests by camera system for the performed processing are available (optional).

¹ Inarca, Stocko and Tyco mono-shape connectors

² Molex and Lumberg connectors

Technical Features

Product Handled & Standard Operating Parameters

Wire Types	from 0.22 to 1.50 mm ²
Wire Insulation	PVC; Rubber; Neoprene
Wire Length	from 250 to 3000 mm [both side processing] from 80 to 3000 mm [one side processing]
Connector Types	TE CONNECTIVITY - INARCA - MOLEX - LUMBERG - STOCKO

Machine Performance

Speed	Max. 0.8 sec / single wire
Pallet Capacity	Up to 28 wires [RAST 2.5] Up to 14 wires [RAST 5]
Overall Efficiency	90 - 95%, related to the product handled
Electrical Supply	440 V WS, H \pm 10% (3P+N+E), 50 Hz
Air Supply	\geq 6 bar